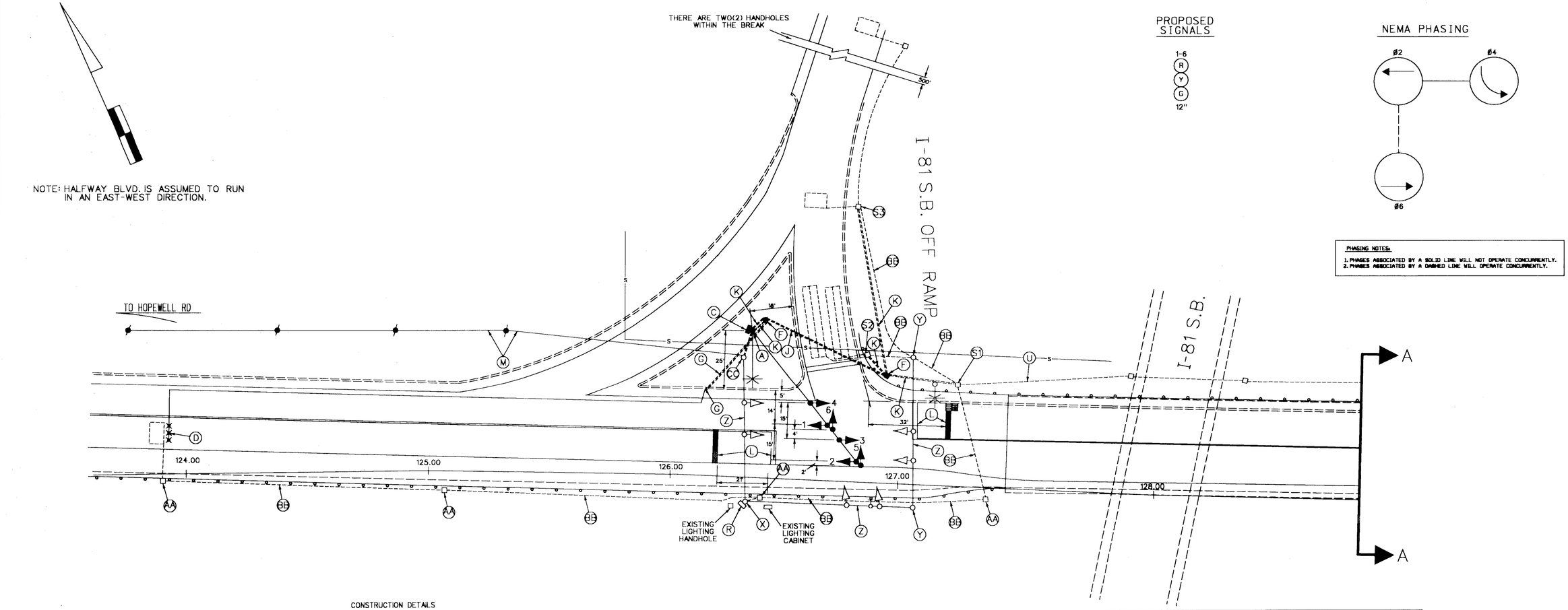
NOTE: HALFWAY BLVD. IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.



PROPOSED SIGNALS

NEMA PHASING

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

A. Install 27' steel pole with a 70' mast arm, traffic signal heads, 20' lighting arm with a 250W-HPS luminaire as shown. (Note: 1-2", 90° polyvinyl chloride (Schedule 80) bend and 2-3", 90° polyvinyl chloride (Schedule 40) bends.)

C. Install NEMA size "5" pole-mounted cabinet and controller with all necessary equipment as shown. (Note: 1-3" LB)

D. Install Micro-loop probe as shown.

F. Install handhole.

G. Install 1" galvanized steel electrical conduit (detector wire sleeve).

J. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (pushed).

K. Install 3" polyvinyl chloride electrical conduit (Schedule 40) (trenched).

L. Remove existing stopline and install new stopline as shown.

M. Proposed overhead electrical service by Allegany Power Company to existing strain pole.

R. Pull back existing 20-conductor cable, 12-pair interconnect cable and mainline detector cable from the existing pole-mounted cabinet to handhole noted as Construction Detail "S1". Reroute cable to proposed pole-mounted cabinet as shown in the Wiring Diagram. Pull back existing I-81 detector cable (presense loops and queing) from cabinet across span to the existing pole on the northeast quadrant and to the existing handhole. (The Queuing loop will be pulled to handhole detail "S2" and the Presense loops to detail "S3".) and reroute to the proposed cabinet.

S1-3. Use existing handhole. See Construction Detail "R" and Wiring Diagram.

U. Use existing conduit.

V. Use existing pole.

W. Use existing span.

X. Remove existing pole, equipment and cabinet - foundation shall be chipped 12" below grade.

Y. Remove existing pole and foundation 12" below grade.

Z. Remove existing span, signal heads and sign.

AA. Remove existing handhole.

BB. Cap and abandon existing conduit.

CC. Use existing pole, install 2" pvc conduit to existing 2" bend in the pole base for the service of the mast arm structure. The meter socket and disconnect switch shall be located on the existing pole.

GENERAL NOTES

1. Electrical service shall be provided by Alleghany Power Co. to the North Side of Halfway Blvd.
2. Interconnection and Detection shall be maintained and the rewiring will be performed during off-peak hours.
3. Signal Reconstruction shall be completed prior to M.O.T. Phase I.
4. The Ultimate Signal Design shall be completed prior to M.O.T. Phase III.
5. When the ultimate signal is turned on, the contractor shall remove the temporary signal. The mast arm, pole and cabinet/controllor shall be returned to the MSHA signal shop.

TEMPORARY SIGNAL M.O.T. PHASE I

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

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TASK11T.DGN

REVISIONS

D 9/2/98 MODIFIED FOR HWY. PROJECT M.O.T. SHA NO.: WA023B21 EMM/RZ W.O.1
C 11/98 INSTALL QUEUE DET. ON S/B I-81 OFF RAMP SHA NO.:
B 6/84 LOOP RECUT SHA NO.:
A 8/24/79 ASBUILT SHA NO.: JG

APPROVALS

ASST. CHIEF TEDD SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
I-81 SOUTHBOUND AND HALFWAY BOULEVARD

DRAWN BY: J. GORDON	COUNTY: WASHINGTON	TS NO. 1582D	SHEET NO. 1 OF 7
CHECK BY:	LOG MILE:		
DATE: 5/78	F.A.P. NO.	T.I.M.S. NO.	
SCALE: 1" = 20'	S.H.A. NO. W-704-501-685		

FA 59B